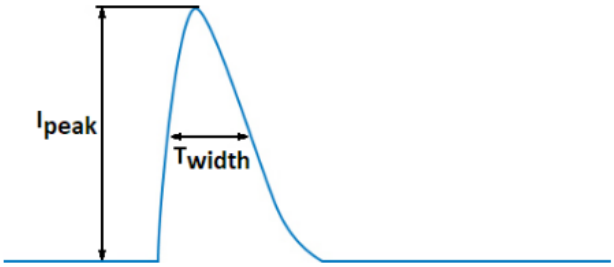
# CIRCUIT BREAKER DATA

| | |
|---|---|
| Luminaire Family: | **AURELED** |
| Sub-families: | **AURELED DROPPED** |
| Applicable Model Range: | **EL-AUR-3110-000** |

## Inrush current

| Specification item | Value | Unit | Condition |
|---|---|---|---|
| Inrush current $I_{peak}$ | 4.4 | A | Input voltage 230V |
| Inrush current $T_{width}$ | 20 | µs | Input voltage 230V, measured at 50% $I_{peak}$ |
| Drivers / MCB 16A type B | ≤ 36 | pcs | Indicative value |




| MCB | Rating | Relative number of LED drivers |
|---|---|---|
| B | 4A | 25% |
| B | 6A | 40% |
| B | 10A | 63% |
| B | 13A | 81% |
| B | 16A | 100% (stated in datasheet) |
| B | 20A | 125% |
| B | 25A | 156% |
| B | 32A | 200% |
| B | 40A | 250% |
| C | 4A | 42% |
| C | 6A | 63% |
| C | 10A | 104% |
| C | 13A | 135% |
| C | 16A | 170% |
| C | 20A | 208% |
| C | 25A | 260% |
| C | 32A | 340% |
| C | 40A | 415% |

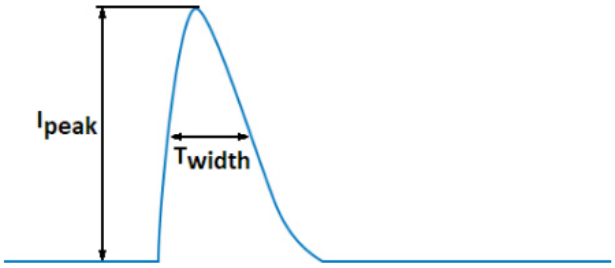
**IMPORTANT:**

- The above are maximum quantities calculated based on the inrush current and provided as a guide only.
- DO NOT exceed the maximum rated continuous current of the circuit breaker.
- Information about the tripping characteristics of a specific circuit breaker must be requested from the circuit breaker manufacturer!
- Actual values may differ depending on the specific circuit breaker type(s) used and the installation environment such as the cable size, length, safety buffer, etc.

| | |
|---|---|
| Luminaire Family: | **AURELED** |
| Sub-families: | **AURELED DROPPED** |
| Applicable Model Range: | **EL-AUR-3110-200** |

## Inrush current

| Specification item | Value | Unit | Condition |
|---|---|---|---|
| Inrush current $I_{peak}$ | 20.4 | A | Input voltage 230V |
| Inrush current $T_{width}$ | 195 | µs | Input voltage 230V, measured at 50% $I_{peak}$ |
| Drivers / MCB 16A type B | ≤ 24 | pcs | Indicative value |




| MCB | Rating | Relative number of LED drivers |
|---|---|---|
| B | 4A | 25% |
| B | 6A | 40% |
| B | 10A | 63% |
| B | 13A | 81% |
| B | 16A | 100% (stated in datasheet) |
| B | 20A | 125% |
| B | 25A | 156% |
| B | 32A | 200% |
| B | 40A | 250% |
| C | 4A | 42% |
| C | 6A | 63% |
| C | 10A | 104% |
| C | 13A | 135% |
| C | 16A | 170% |
| C | 20A | 208% |
| C | 25A | 260% |
| C | 32A | 340% |
| C | 40A | 415% |

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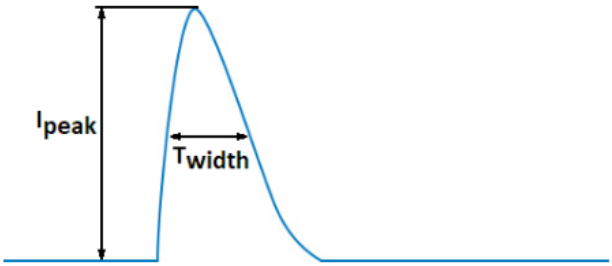
| | |
|---|---|
| Luminaire Family: | **AURELED** |
| Sub-families: | **AURELED DROPPED** |
| Applicable Model Range: | **EL-AUR-3111-000** |

## Inrush current

| Specification item | Value | Unit | Condition |
|---|---|---|---|
| Inrush current $I_{peak}$ | 4.4 | A | Input voltage 230V |
| Inrush current $T_{width}$ | 25 | µs | Input voltage 230V, measured at 50% $I_{peak}$ |
| Drivers / MCB 16A type B | ≤ 36 | pcs | Indicative value |




| MCB | Rating | Relative number of LED drivers |
|---|---|---|
| B | 4A | 25% |
| B | 6A | 40% |
| B | 10A | 63% |
| B | 13A | 81% |
| B | 16A | 100% (stated in datasheet) |
| B | 20A | 125% |
| B | 25A | 156% |
| B | 32A | 200% |
| B | 40A | 250% |
| C | 4A | 42% |
| C | 6A | 63% |
| C | 10A | 104% |
| C | 13A | 135% |
| C | 16A | 170% |
| C | 20A | 208% |
| C | 25A | 260% |
| C | 32A | 340% |
| C | 40A | 415% |

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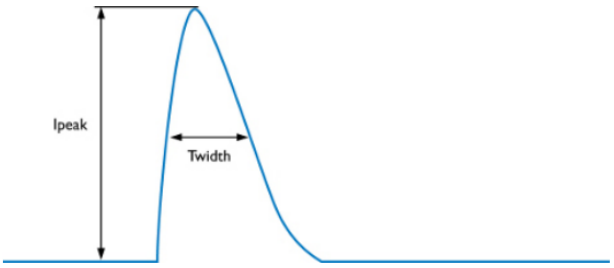
|---|---|
| Luminaire Family: | **AURELED** |
| Sub-families: | **AURELED DROPPED** |
| Applicable Model Range: | **EL-AUR-3111-200** |

## Inrush current

| Specification item | Value | Unit | Condition |
|---|---|---|---|
| Inrush current $I_{peak}$ | 20.4 | A | Input voltage 230V |
| Inrush current $T_{width}$ | 195 | µs | Input voltage 230V, measured at 50% $I_{peak}$ |
| Drivers / MCB 16A type B | ≤ 32 | pcs | |




| MCB | Rating | Relative number of LED drivers |
|---|---|---|
| B | 10A | 63% |
| B | 13A | 81% |
| B | 16A | 100% (stated in datasheet) |
| B | 20A | 125% |
| B | 25A | 156% |
| C | 10A | 104% |
| C | 13A | 135% |
| C | 16A | 170% |
| C | 20A | 208% |
| C | 25A | 260% |

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